

CERTIFICATE OF REGISTRATION

Case 3:10-cv-03561-WHA Document 344-1 Filed 08/20/11 Page 1 of 43



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM TX

For Literary Work
UNITED STATES COPYRIGHT OFFICE

REG

TX 4-326-014



#TX0004326014#

EFFECTIVE DATE OF REGISTRATION

6 28 96
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS WORK ▼

The Java Application Programming Interface, Volume 1
Core Packages

63453-8

PREVIOUS OR ALTERNATIVE TITLES ▼

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

2 a NAME OF AUTHOR ▼

James Gosling

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☐ Yes

☒ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of ▼ USA

Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No

Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

co-author of entire work

ME OF AUTHOR ▼

Frank Yellin

this contribution to the work a "work made for hire"?

☐ Yes

☒ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of ▼ USA

Domiciled in ▼

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co-author of entire work

ME OF AUTHOR ▼

The Java Team

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

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☐ No

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Domiciled in ▼ USA

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co-author of entire work

3 a YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1995

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month ▼

June

Day ▼

03

Year ▼

1996

Nation ▼

USA

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc. c/o

Addison-Wesley Publishing Company, Inc.

One Jacob Way

Reading, MA 01867

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

Transfer of ownership by publishing agreement

APPLICATION RECEIVED

JUN 28 1996

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

JUN 28 1996

REMITTANCE NUMBER AND DATE

MORE ON BACK ► • Complete all applicable spaces (numbers 5-11) on the reverse side of this page.
• See detailed instructions. • Sign the form at line 10.

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Page 1 of 2 pages

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☐ CORRESPONDENCE

Yes

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PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☐ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☐ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

DERIVATIVE WORK OR COMPILATION Complete both space 6a and 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼
material used with permissionb. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼
remainder of work

—space deleted—

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10 and a check in one of the boxes here in space 8 constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

a. ☐ Copies and Phonorecordsb. ☐ Copies Onlyc. ☐ Phonorecords Only

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DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
Name ▼ Account Number ▼

Addison-Wesley Publishing Co., Inc.

DAO25585

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼

Timothy Nicholls

Addison-Wesley Publishing Company, Inc.

Reading, MA 01867

Area Code and Telephone Number ▶ (617) 944-3700, x.2249

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of Addison-Wesley Publishing Co.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Timothy Nicholls

date ▶

6/26/1996

Handwritten signature (X) ▼

MAIL
CERTIFI-
CATE TO

Name ▼

Timothy Nicholls, Permissions

Number/Street/Apartment Number ▼

Addison-Wesley Publishing Co., Inc.

City/State/ZIP ▼

Reading,

MA

01867

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2. Nonrefundable \$30 filing fee in check or money order payable to Register of Copyrights
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Register of Copyrights
Library of Congress
Washington, D.C. 20540

The Copyright Office has the authority to adjust fees at 5-year intervals, based on changes in the Consumer Price Index. The next adjustment is due in 1995. Please contact the Copyright Office after July 1995 to determine the actual fee schedule.

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

February 1993—100,000

U.S. GOVERNMENT PRINTING OFFICE: 1993-342-581/60,504

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Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM TX

For a Literary Work
UNITED STATES COPYRIGHT OFFICE

REGI

TX 4-416-302



700004416302

EFFECTIVE DATE OF REGISTRATION

11 22 96
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS WORK ▼

The Java Language Specification

63451-1

PREVIOUS OR ALTERNATIVE TITLES ▼

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

2 NAME OF AUTHOR ▼

Sun Microsystems Inc.

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a
"work made for hire?"

☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ☐ USA
Domiciled in ☐

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No
Pseudonymous? ☐ Yes ☒ No

If the answer to either
of these questions is
"Yes," see detailed
instructions

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

author of entire work

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

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☐ No

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Domiciled in ☐

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YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1995

This information
must be given
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DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information
ONLY if this work
has been published.

Month ▶ Sept. Day ▶ 11 Year ▶ 1996

USA

◀ Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2 ▼

Sun Microsystems Inc.
c/o Addison Wesley Longman, Inc.
Reading, MA 01867

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NOV. 22, 1996

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NOV. 22, 1996

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Page 1 of 2 pages

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PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?☐ Yes ☒ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☐ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a and 6b for a derivative work; complete only 6b for a compilation.a. **Preexisting Material** Identify any preexisting work or works that this work is based on or incorporates. ▼Some material used with permission.

6

b. **Material Added to This Work** Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼Remainder of work.See instructions
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8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
Name ▼ Account Number ▼Addison-Wesley Publishing Co., Inc.DA025585

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼Timothy NichollsAddison-Wesley Publishing Company, Inc.Reading, MA 01867

Area Code and Telephone Number ▶

617 944-3700 x.2249Be sure to
give your
daytime phone
number**CERTIFICATION*** I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent ofAddison-Wesley Publishing Co.,
Name of author or other copyright claimant, or owner of exclusive right(s) ▶

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.Timothy Nicholls

date ▶

11/20/96

10

Handwritten signature (X) ▼

**MAIL
CERTIFI-
CATE TO**Name ▼ Timothy Nicholls, Permissions Dept.

Number/Street/Apartment Number ▼

Addison-Wesley Publishing Company, Inc.

City/State/ZIP ▼

Reading, MA 01867Certificate
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envelope**YOU MUST:**

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- Sign your application in space 10

**SEND ALL 3 ELEMENTS
IN THE SAME PACKAGE:**

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TORegister of Copyrights
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Washington, D.C. 20559-6000

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*17 U.S.C. § 506(e). Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

January 1995—400,000  PRINTED ON RECYCLED PAPER

U.S. GOVERNMENT PRINTING OFFICE: 1995-387-237/34

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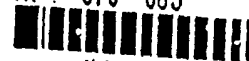
Marybeth Peters

REGISTER OF COPYRIGHTS
United States of America

FORM TX

Literary Work
COPYRIGHT OFFICE

TX 4-576-685



EFFECTIVE DATE OF REGISTRATION

Dec 24 1997

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS WORK ▼

JAVA DEVELOPMENT KIT VERSION 1.0 alpha 2

PREVIOUS OR ALTERNATIVE TITLES ▼

JDK version 1.0 alpha 2

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

2

NAME OF AUTHOR ▼

Sun Microsystems, Inc.

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"? ☒ Yes ☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of ▼ U.S.A.

Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼
Entire computer program

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

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3

YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1995

This information must be given Year in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month ▼ April

Day ▼ 4

Year ▼ 1995 (approx)

U.S.A.

Nation

4

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303
MS PAL01-521

APPLICATION RECEIVED

DEC 24 1997

ONE DEPOSIT RECEIVED

DEC 24 1997

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

MORE ON BACK ►

• Complete all applicable spaces (numbers 5-11) on the reverse side of this page.
• See detailed instructions
• Sign the form at line 10

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Page 1 of 2 1998

EXAMINE

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FORM TX

☒ CORRESPONDENCE
Yes
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COPYRIGHT
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USE
ONLY

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PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

- ☐ Yes ☒ No. If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
- a. ☐ This is the first published edition of a work previously registered in unpublished form.
- b. ☐ This is the first application submitted by this author as copyright claimant.
- c. ☐ This is a changed version of the work, as shown by space 8 on this application.

If your answer is "Yes," give Previous Registration Number ▼

Year of Registration ▼

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a and 6b for a derivative work, complete only 6b for a compilation.

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a ☐ Copies and Phonorecordsb ☐ Copies Onlyc ☐ Phonorecords Only

See instructions

OSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Sun Microsystems, Inc.

DA 07 3342

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt./City/State/ZIP ▼

Timothy J. Crean

Sun Microsystems, Inc.

901 San Antonio Road, MS CUP01-307

Palo Alto, CA 94303

Area Code and Telephone Number ▶ 408/863-3425

Be sure to
give your
daytime phone
number

CERTIFICATION I, the undersigned, hereby certify that I am the

Check only one ▶

- ☐ author
- ☐ other copyright claimant
- ☐ owner of exclusive right(s)
- ☒ authorized agent of

Sun Microsystems, Inc.

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▶

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Timothy J. Crean

Date ▶ 12/25/97

10

Handwritten signature (X) ▼

Timothy J. Crean

MAIL
CERTIFI-
CATE TOName ▼ Timothy J. Crean
Sun Microsystems, Inc.

Number/Street/Apt. ▼

MS UCUP01-307

City/State/ZIP ▼ 901 San Antonio Road
Palo Alto, CA 94303Certificate
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an
envelope

YOU MUST

- Complete all necessary spaces
- Sign your application in space 10

SEND ALL ELEMENTS
IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
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MAIL TO

Register of Copyrights
Library of Congress
Washington, D.C. 20558-4000

11

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May 1995-2002

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Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM TX
for a Literary Work

TX 4-576-686



EFFECTIVE DATE OF REGISTRATION

Dec 24 1997

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS WORK

JAVA DEVELOPMENT KIT VERSION 1.0.2

PREVIOUS OR ALTERNATIVE TITLES
JDK Version 1.0.2

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work

If published in a periodical or serial give: Volume Number Issue Date On Pages

2

NAME OF AUTHOR

a Sun Microsystems, Inc.

Was this contribution to the work a "work made for hire?"

☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR Citizen of U.S.A.

OR Domiciled in

DATES OF BIRTH AND DEATH
Year Born Year Died

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. Entire computer program

NAME OF AUTHOR

DATES OF BIRTH AND DEATH
Year Born Year Died

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When the work was prepared as "Author" of that part, and leave the space for dates of birth and death blank

3

a YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1996

This information must be given in all cases.

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month Day Year

May 7 1996

approx

4

c COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2

Sun Microsystems, Inc.

901 San Antonio Road

Palo Alto, CA 94303

MS PAL01-521

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright.

APPLICATION RECEIVED

DEC 24 1997

ONE DEPOSIT RECEIVED

DEC 24 1997

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

See instructions before completing this space.

MORE ON BACK

• Complete all applicable spaces (numbers 1-11) on the reverse side of this page.
• See detailed instructions.
• Sign the form at line 10

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Page 1 of 2

COB1

EXAMINEE

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FORM TX

☒ CORRESPONDENCE

Yes

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PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼

a. ☐ This is the first published edition of a work previously registered in unpublished form.

b. ☐ This is the first application submitted by this author as copyright claimant.

c. ☒ This is a changed version of the work, as shown by space 8 on this application.

If your answer is "Yes," give Previous Registration Number ▼

Year of Registration ▼

(application for registration of original work is being submitted concurrently herewith)

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a and 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

JAVA DEVELOPMENT KIT VERSION 1.0 alpha 2

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

New and Revised Computer Code

See instructions before completing this space

6

—space deleted—

7

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10 and a check in one or the boxes here in space 8 constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

a. ☐ Copies and Phonorecords

b. ☐ Copies Only

c. ☐ Phonorecords Only

See instructions.

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

Sun Microsystems, Inc.

DA-07 3342

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼

Timothy J. Crean

Sun Microsystems, Inc.

901 San Antonio Road, MS CUP01-307

Palo Alto, CA 94303 Phone Code and Telephone Number ▶ 408/863-3425

Be sure to give your daytime phone number

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author

☐ other copyright claimant

☐ owner of exclusive right(s)

☒ authorized agent of Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▶

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Timothy J. Crean

Date ▶ 12/23/97

10

Handwritten signature (X) ▼

Timothy J. Crean

MAIL CERTIFICATE TO

Name ▼

Timothy J. Crean

Sun Microsystems, Inc.

Number/Street/Apt

MS CUP01-307

City/State/ZIP ▼

901 San Antonio Road

City/State/ZIP ▼

Palo Alto, CA 94303

Certificate will be mailed in window envelope

NOTE: Complete all necessary spaces. Sign your application in space 10.

SEND ALL JERREWS IN THE SAME PACKAGE

1. Application form
2. Nonrefundable \$30 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO
Register of Copyrights
Library of Congress
Washington, D.C. 20540-8000

11

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

U.S. GOVERNMENT PRINTING OFFICE: 1994 O-337-077



OFFICIAL SEAL

This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters

REGISTER OF COPYRIGHTS
United States of America

FORM TX

For a Literary Work

TX 4-576-687



TX0004576687

EFFECTIVE DATE OF REGISTRATION

Dec 24 1997
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE. USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS WORK ▼

JAVA DEVELOPMENT KIT VERSION 1.1

PREVIOUS OR ALTERNATIVE TITLES ▼

JDK version 1.1

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼ Number ▼ Issue Date ▼ On Pages ▼

2

NAME OF AUTHOR ▼

Sun Microsystems, Inc.

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"? ☒ Yes ☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ▼ U.S.A.
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼
Entire computer program

0850799304



NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"? ☐ Yes ☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ▼
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

the employer or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates of birth and death blank

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"? ☐ Yes ☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ▼
Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

3

YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1997

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month ▼ March Day ▼ 11 Year ▼ 1997 (approx)

U.S.A.

◀ Nation

4

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303
MS PAL01-521

APPLICATION RECEIVED

DEC 24 1997

ONE DEPOSIT RECEIVED

DEC 24 1997

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

MORE ON BACK ▶

• Complete all applicable spaces (numbers 5-11) on the reverse side of this page.
• See detailed instructions.
• Sign the form at line 10

DO NOT WRITE HERE

Page 1 of 2 pages

C082

EXAMINED BY

FORM TX

CHECKED BY

☒ CORRESPONDENCE
Yes
FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼
a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☒ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

(application for original
work being filed concurrently
herewith)

5

DERIVATIVE WORK OR COMPILATION Complete both space 6a and 6b for a derivative work; complete only 6b for a compilation.

a. Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

JDK version 1.0 alpha 2 and JDK version 1.0.2

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

New and Revised Computer Code

See instructions
before completing
this space.

6

—space deleted—

7

REPRODUCTION FOR USE OF BLIND OR PHYSICALLY HANDICAPPED INDIVIDUALS A signature on this form at space 10 and a check in one of the boxes here in space 8 constitutes a non-exclusive grant of permission to the Library of Congress to reproduce and distribute solely for the blind and physically handicapped and under the conditions and limitations prescribed by the regulations of the Copyright Office: (1) copies of the work identified in space 1 of this application in Braille (or similar tactile symbols); or (2) phonorecords embodying a fixation of a reading of that work; or (3) both.

a. ☐ Copies and Phonorecordsb. ☐ Copies Onlyc. ☐ Phonorecords Only

See instructions.

8

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

Sun Microsystems, Inc.

DA 07 3342

9

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt./City/State/ZIP ▼

Timothy J. Crean

Sun Microsystems, Inc.

901 San Antonio Road, MS CUP01-307

Palo Alto, CA 94303

Area Code and Telephone Number ▶ 408/863-3425

Be sure to
give your
daytime phone
number

10

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of

Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▶

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Timothy J. Crean

Date ▶

12/23/97

Handwritten signature (X) ▼

Timothy James Crean

MAIL
CERTIFI-
CATE TOName ▼ Timothy J. Crean
Sun Microsystems, Inc.

Number/Street/Apt ▼ MS UCUP01-307

City/State/ZIP ▼ 901 San Antonio Road
Palo Alto, CA 94303Certificate
will be
mailed in
window
envelope

YOU MUST:

- Complete all necessary spaces
- Sign your application in space 10

SEND ALL 3 ELEMENTS
IN THE SAME PACKAGE:

1. Application form
2. Nonrefundable \$20 filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO:

Register of Copyrights
Library of Congress
Washington, D.C. 20559-6000

11

17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

Rev 1995-305 000

PRINTED ON RECYCLED PAPER

OAGOOGL0000126134

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L. L. P.

STANFORD RESEARCH PARK
700 HANSEN WAY
PALO ALTO, CALIFORNIA 94304

WASHINGTON
202-408-4000

ATLANTA
404-653-6400

TELEPHONE 650-849-6600
FACSIMILE 650-849-6666

WRITER'S DIRECT DIAL 650-849-6622
BRENNERA@FINNEGAN.COM

TOKYO
011-813-3431-6943

BRUSSELS
011-322-646-0353

FILE
COAT

March 23, 1998

VIA U.S. MAIL

Timothy Crean, Senior Counsel
Sun Microsystems, Inc.
901 San Antonio Road, MS CUP01-307
Palo Alto, California 94303

Re: U.S. Copyright Registration TX 4-616-088 for
Java Development Kit Version 1.2 beta 2

Dear Tim:

Per our discussion today, I am enclosing the original of Copyright Registration TX 4-616-088 for Java Development Kit Version 1.2 beta 2.

If you have any further questions on this matter, do not hesitate to call.

Sincerely,



Andrew S. Brenner
(admitted in Illinois only)

Enclosure



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM TX
For a Nondramatic Literary Work
UNITED STATES COPYRIGHT OFFICE



TX 4-616-088



EFFECTIVE DATE OF REGISTRATION

Mar 17 1998
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS WORK ▼

JAVA DEVELOPMENT KIT VERSION 1.2 BETA 2

PREVIOUS OR ALTERNATIVE TITLES ▼

JDK Version 1.2 Beta 2

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼ Number ▼ Issue Date ▼ On Pages ▼

NAME OF AUTHOR ▼

Sun Microsystems, Inc.

Was this contribution to the work a "work made for hire"?
☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ► USA
Domiciled in ►

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Entire computer program

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?
☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

1997

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published.

Month ► December Day ► 17 Year ► 1997

USA

Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303
MS PAL01-521

APPLICATION RECEIVED

MAR 17 1998

ONE DEPOSIT RECEIVED

MAR 17 1998

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

MORE ON BACK ►

• Complete all applicable spaces (numbers 5-9) on the reverse side of this page.
• See detailed instructions. • Sign the form at line 8.

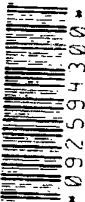
DO NOT WRITE HERE

Page 1 of 1 pages

NOTE

Under the law, the "author" of a "work made for hire" is generally the employer, not

092594300



See instructions before completing this space.

EXAMINED BY 

FORM TX

CHECKED BY

☐ CORRESPONDENCE
Yes
FOR
COPYRIGHT
OFFICE
USE
ONLY**DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.****PREVIOUS REGISTRATION** Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼☐ This is the first published edition of a work previously registered in unpublished form.☐ This is the first application submitted by this author as copyright claimant.☒ This is a changed version of the work, as shown by space 6 on this application.If your answer is "Yes," give: Previous Registration Number ▼ Year of Registration ▼
TX 4-576-685, (1997) TX 4-576-686 (1997), TX 4-576-687 (1997)**DERIVATIVE WORK OR COMPILATION**

Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

Java Development Kit Version 1.0 alpha 2;

Java Development Kit Version 1.0.2

Java Development Kit Version 1.1

See instructions
before completing
this space.

Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

New and revised computer code

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
Name ▼ Account Number ▼

Finnegan Henderson deposit account 060313

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼Andrew S. Brenner
Finnegan Henderson Farabow Garrett & Dunner, L.L.P.
700 Hansen Way, Palo Alto, CA 94304

Area code and daytime telephone number ▶ (650) 849-6622 Fax number ▶ (650) 849-6666

Email ▶ brennera@Finnegan.com

8

CERTIFICATION I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Andrew S. Brenner

Date ▶ 3/16/98

Handwritten signature (X) The filing fee of \$20.00 is effective through June 30, 1999. After that date, please write to Copyright Office, check the Copyright Office Website at <http://www.loc.gov/copyright>, or call (202) 707-3000 for the latest fee information.Mail
certificate
to:Certificate
will be
mailed in
window
envelope

Name ▼ Andrew S. Brenner; Finnegan, Henderson

Number/Street/Apt ▼ 700 Hansen Way

City/State/ZIP ▼ Palo Alto, CA 94304

YOU MUST

- Complete all necessary spaces
- Sign your application in space 8

**SEND ALL ELEMENTS
IN THE SAME PACKAGE**

1. Application form
2. Nonrefundable filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO
Library of Congress
Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

September 1997—300,000

U.S. COPYRIGHT OFFICE WWW: March 1998

CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM CA
For Supplementary Registration
UNITED STATES COPYRIGHT OFFICE

TX 4-648-508



EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

May 7 1998
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

A

TITLE OF WORK ▼
JAVA DEVELOPMENT KIT VERSION 1.1

REGISTRATION NUMBER OF THE BASIC REGISTRATION ▼
TX4-576-687

YEAR OF BASIC REGISTRATION ▼
1997

NAME(S) OF AUTHOR(S) ▼
Sun Microsystems, Inc.

NAME(S) OF COPYRIGHT CLAIMANT(S) ▼
Sun Microsystems, Inc.

B

LOCATION AND NATURE OF INCORRECT INFORMATION IN BASIC REGISTRATION ▼
Line Number 2a Line Heading or Description Nature of Authorship

INCORRECT INFORMATION AS IT APPEARS IN BASIC REGISTRATION ▼

Entire computer program

CORRECTED INFORMATION ▼
Entire new and revised portions of computer program

EXPLANATION OF CORRECTION ▼

To clarify the nature of authorship, since this is a derivative work

C

LOCATION AND NATURE OF INFORMATION IN BASIC REGISTRATION TO BE AMPLIFIED ▼

Line Number Line Heading or Description

AMPLIFIED INFORMATION ▼

EXPLANATION OF AMPLIFIED INFORMATION ▼

MORE ON BACK ► • Complete all applicable spaces (D -G) on the reverse side of this page.
• See detailed instructions. • Sign the form at space F.

DO NOT WRITE HERE
Page 1 of 2 pages

FORM CA RECEIVE

FORM CA

MAY 07.1998

FUNDS RECEIVED DATE

EXAMINED BY

CHECKED BY

CORRESPONDENCE ☐REFERENCE TO THIS REGISTRATION ADDED TO
BASIC REGISTRATION ☒ YES ☐ NOFOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

CONTINUATION OF: (Check which) ☒ PART B OR ☐ PART C

Line Number: 6a Line Heading or Description: Preexisting Material

Incorrect Information as it appears in Basic Registration:

JDK version 1.0 alpha 2 and JDK version 1.0.2

Corrected Information:

JDK version 1.0 alpha 2 and JDK version 1.0.2 and other previous versions of the JDK,
including third party computer programs incorporated therein

Explanation of Correction:

To more precisely state the preexisting material on which this derivative work is based.

DEPOSIT ACCOUNT: If the registration fee is to be charged to a Deposit
Account established in the Copyright Office, give name and number of Account.

Name _____

Account Number _____

CORRESPONDENCE: Give name and address to which correspondence
about this application should be sent.Name **Timothy J. Crean**Address **Sun Microsystems, Inc./901 San Antonio Road**
Palo Alto (City) **CA** **94303** (State) **MS CUP03-802** (Zip)
Area Code and Telephone Number ▶ **(408) 863-3425**Be sure to
give your
daytime phone
number

CERTIFICATION* I, the undersigned, hereby certify that I am the: (Check one)

☐ author ☐ other copyright claimant ☐ owner of exclusive right(s) ☒ duly authorized agent of**Sun Microsystems, Inc.**(Name of author or other copyright claimant, or owner of exclusive right(s) ▲
of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name ▼

Timothy J. CreanDate ▼
May 6, 1998

Handwritten signature (X) ▼

MAIL
TOName ▼ **Timothy J. Crean**
Sun Microsystems, Inc.Number/Street/Apt ▼ **MS CUP03-802**
901 San Antonio RoadCity/State/Zip ▼ **Palo Alto, CA 94303**Certificate
will be
mailed in
window
envelope• Complete all necessary spaces
• Sign your application in space F1. Application form
2. Nonrefundable \$20 filing fee
in check or money order
payable to
Register of CopyrightsRegister of Copyrights
Library of Congress
Washington, D.C. 20559-6000*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection
with the application, shall be fined not more than \$2,500.

October 1994

U.S. COPYRIGHT OFFICE WWW FORM: 1996

OAGOOGL0000126118

CERTIFICATE OF REGISTRATION



This certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

JRM TX
For a Nondramatic Literary Work
UNITED STATES COPYRIGHT OFFICE

REGIS

TX 4-648-509



EFFECTIVE DATE OF REGISTRATION

May 7 1998
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

TITLE OF THIS WORK ▼

JAVA DEVELOPMENT KIT VERSION 1.1.3

PREVIOUS OR ALTERNATIVE TITLES ▼

JDK version 1.1.3

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

NAME OF AUTHOR ▼

a Sun Microsystems, Inc.

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire"?
☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

U.S.A.

OR

Citizen of ▼

Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Entire new and revised portions of computer program

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire"?
☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR

Citizen of ▼

Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
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Pseudonymous? ☐ Yes ☐ No

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NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

Was this contribution to the work a "work made for hire"?
☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR

Citizen of ▼

Domiciled in ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

3 a YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED
1997

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

b Complete this information ONLY if this work has been published.

Month ▼ July

Day ▼ 2

Year ▼ 1997 approx.

U.S.A.

Nation

4 COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303
MS PA 101-521

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

APPLICATION RECEIVED

MAY 07 1998

ONE DEPOSIT RECEIVED

MAY 07 1998

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

MORE ON BACK ► • Complete all applicable spaces (numbers 5-9) on the reverse side of this page.
• See detailed instructions • Sign the form at line 8

DO NOT WRITE HERE

Page 1 of 2 pages

EXAMINED BY

FORM TX

CHECKED BY

☐ CORRESPONDENCE

Yes

FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☒ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

TX 4-576-687

Year of Registration ▼

1997

DERIVATIVE WORK OR COMPILATION

Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

a. JDK version 1.1 and other previous versions of the JDK, including third party computer programs incorporated therein.b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼
New and revised portions of computer program.

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

a

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt./City/State/ZIP ▼

Timothy J. Crean / Sun Microsystems, Inc.901 San Antonio Road / MS CUP03-802Palo Alto, CA 94303Area code and daytime telephone number ▶ (408) 863-3425Fax number ▶ (408) 343-1757Email ▶ tim.crean@eng.sun.com

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Timothy J. CreanDate ▶ May 6, 1998

Handwritten signature

X

Mail
certificate
to:Name ▼ Timothy J. Crean
Sun Microsystems, Inc.Number/Street/Apt. ▼ MS CUP03-802
901 San Antonio RoadCity/State/ZIP ▼ Palo Alto, CA 94303Certificate
will be
mailed in
▼ W
envelope• Complete all necessary spaces
• Sign your application in space 81. Application form
2. Nonrefundable filing fee in check or money order
payable to Register of Copyrights
3. Deposit materialLibrary of Congress
Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000

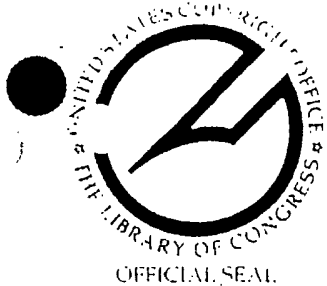
*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

December 1997-300,000

④ PRINTED ON RECYCLED PAPER

©U.S. COPYRIGHT OFFICE WWW: March 1996

CERTIFICATE OF REGISTRATION



This certificate issued under the seal of the Copyright Office in accordance with the United States Code attests that registration has been made on the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Margybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM C
For Supplementary Registration
UNITED STATES COPYRIGHT OFFICE

TX 4-648-608



EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

MAY 12 1998

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

A

TITLE OF WORK ▼

JAVA DEVELOPMENT KIT VERSION 1.0.2

REGISTRATION NUMBER OF THE BASIC REGISTRATION ▼
TX4-576-686YEAR OF BASIC REGISTRATION ▼
1997

NAME(S) OF AUTHOR(S) ▼

Sun Microsystems, Inc.

NAME(S) OF COPYRIGHT CLAIMANT(S) ▼
Sun Microsystems, Inc.**B**

LOCATION AND NATURE OF INCORRECT INFORMATION IN BASIC REGISTRATION ▼

Line Number 2a Line Heading or Description Nature of Authorship

INCORRECT INFORMATION AS IT APPEARS IN BASIC REGISTRATION ▼

Entire computer program

CORRECTED INFORMATION ▼

Entire new and revised portions of computer program

EXPLANATION OF CORRECTION ▼

To clarify the nature of authorship, since this is a derivative work

C

LOCATION AND NATURE OF INFORMATION IN BASIC REGISTRATION TO BE AMPLIFIED ▼

Line Number Line Heading or Description

AMPLIFIED INFORMATION ▼

EXPLANATION OF AMPLIFIED INFORMATION ▼

MORE ON BACK ▶

• Complete all applicable spaces (D-G) on the reverse side of this page.
• See detailed instructions.
• Sign the form at space F.

DO NOT WRITE HERE
Page 1 of 2 pages

FORM CA R

FORM CA

MAY 12 1998

FUNDS RECEIVED DATE

EXAMINED BY

CHECKED BY

CORRESPONDENCE ☐REFERENCE TO THIS REGISTRATION ADDED TO
BASIC REGISTRATION ☒ YES ☐ NOFOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

CONTINUATION OF: (Check which) ☒ PART B OR ☐ PART C

Line Number: 6a Line Heading or Description: Preexisting Material

Incorrect Information as it Appears in Basic Registration:

JAVA DEVELOPMENT KIT VERSION 1.0 alpha 2

Corrected Information:

JAVA DEVELOPMENT KIT VERSION 1.0 alpha 2 and other previous versions of the JAVA
DEVELOPMENT KIT, including third party computer programs incorporated therein

Explanation of Correction:

To more precisely state the preexisting material on which this derivative work is based.

DEPOSIT ACCOUNT: If the registration fee is to be charged to a Deposit
Account established in the Copyright Office, give name and number of Account.

Name _____

Account Number _____

CORRESPONDENCE: Give name and address to which correspondence
about this application should be sent.

Name Timothy J. Crean

Address Sun Microsystems, Inc./901 San Antonio Road

Palo Alto

CA 94303

(City) (State) (ZIP) MS CUP03-802

Area Code and Telephone Number (408) 863-3425

Be sure to
give your
daytime phone
number

CERTIFICATION: I, the undersigned, hereby certify that I am the: (Check one)

☐ author ☐ other copyright claimant ☐ owner of exclusive right(s) ☒ duly authorized agent of Sun Microsystems, Inc.

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name
Timothy J. CreanDate
May 11, 1998Handwritten signature (X) ☒

Timothy J. Crean

MAIL
TO

Name	Timothy J. Crean Sun Microsystems, Inc.
Number/Street/Apt	MS CUP03-802 901 San Antonio Road
City/State/ZIP	Palo Alto, CA 94303

Certificate
will be
mailed in
with
or

- Complete all necessary spaces
- Sign your application in space F

1. Application form
2. Nonrefundable \$20 filing fee
in check or money order
payable to
Register of Copyrights

 Register of Copyrights
 Library of Congress
 Washington, D.C. 20559-6000

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

October 1994

© U.S. COPYRIGHT OFFICE WWW FORM: 1096

OAGOOGL0000079168



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
 REGISTER OF COPYRIGHTS
 United States of America

FORM
 For Supplementary
 UNITED STATES OF AMERICA

Registration
 Copyright Office

TX 4-648-609



EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

MAY 12 1998

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

A

TITLE OF WORK ▼

The Java Language Specification

REGISTRATION NUMBER OF THE BASIC REGISTRATION ▼

TX4-416-302

YEAR OF BASIC REGISTRATION ▼

1996

NAME(S) OF AUTHOR(S) ▼

Sun Microsystems, Inc.

NAME(S) OF COPYRIGHT CLAIMANT(S) ▼

Sun Microsystems, Inc.

B

LOCATION AND NATURE OF INCORRECT INFORMATION IN BASIC REGISTRATION ▼

Line Number ..2a..... Line Heading or Description Nature of Authorship

INCORRECT INFORMATION AS IT APPEARS IN BASIC REGISTRATION ▼

author of entire work

CORRECTED INFORMATION ▼

author of entire new portions of work

EXPLANATION OF CORRECTION ▼

To clarify the nature of authorship, since this is a derivative work

LOCATION AND NATURE OF INFORMATION IN BASIC REGISTRATION TO BE AMPLIFIED ▼

Line Number Line Heading or Description

AMPLIFIED INFORMATION ▼

EXPLANATION OF AMPLIFIED INFORMATION ▼

MORE ON BACK ►

- Complete all applicable spaces (D-G) on the reverse side of this page.
- See detailed instructions.
- Sign the form at space F.

DO NOT WRITE HERE

Page 1 of 2 pages

FORM CA RECEIVED

FORM CA

MAY 12 1998

FUNDS RECEIVED DATE

EXAMINED BY

CHECKED BY

CORRESPONDENCE ☐REFERENCE TO THIS REGISTRATION ADDED TO
BASIC REGISTRATION ☒ YES ☐ NOFOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

CONTINUATION OF: (Check which) ☐ PART B OR ☐ PART C

D

DEPOSIT ACCOUNT: If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name _____

Account Number _____

CORRESPONDENCE: Give name and address to which correspondence about this application should be sent.

Name Timothy J. CreanAddress Sun Microsystems, Inc./901 San Antonio RoadPalo Alto CA 94303(City) (State) (ZIP)
Area Code and Telephone Number (408) 863-3425MS CUP03-
Be sure to
give your
daytime phone
number

CERTIFICATION* I, the undersigned, hereby certify that I am the: (Check one)

☐ author ☐ other copyright claimant ☐ owner of exclusive right(s) ☒ duly authorized agent of Sun Microsystems, Inc.(Name of author or other copyright claimant, or owner of exclusive right(s))
of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.Typed or printed name ▼ Timothy J. CreanDate ▼ May 11, 1998

Handwritten signature (X) ▼

*Timothy J. Crean*MAIL
TOCertificate
will be
mailed in
window
envelope

Name ▼	<u>Timothy J. Crean</u> <u>Sun Microsystems, Inc.</u>
Number/Street/Apt ▼	<u>MS CUP03-802</u> <u>901 San Antonio Road</u>
City/State/ZIP ▼	<u>Palo Alto, CA 94303</u>

• Complete all necessary spaces
• Sign your application in space F1. Application form
2. Nonrefundable \$20 filing fee
in check or money order
payable to
Register of CopyrightsRegister of Copyrights
Library of Congress
Washington, D.C. 20559-6000

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

October 1994

U.S. COPYRIGHT OFFICE WWW FORM: 1994

G

OAGOOGL0000125439

CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM TX
For a Nondramatic Literary Work
UNITED STATES COPYRIGHT OFFICE

RE

TX 4-679-495



TX 0004679495

EFFECTIVE DATE OF REGISTRATION

JUN 23 1998

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1

TITLE OF THIS WORK ▼

JAVA DEVELOPMENT KIT VERSION 1.0

PREVIOUS OR ALTERNATIVE TITLES ▼

JDK Version 1.0

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

2

NAME OF AUTHOR ▼

a Sun Microsystems, Inc.

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ► U.S.A.
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

 Anonymous? ☐ Yes ☐ No
 Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Entire new and revised portions of computer program

NOTE

Under the law, the "author" of a "work made for hire" is generally the employer, not the employee (see instructions). For any part of this work that was "made for hire" in the space provided, give the employer (or other person for whom the work was prepared) as "Author" of that part, and leave the space for dates of birth and death blank.

b

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

 Anonymous? ☐ Yes ☐ No
 Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

c

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼ Year Died ▼

Was this contribution to the work a "work made for hire"?

☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

 Anonymous? ☐ Yes ☐ No
 Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

3

YEAR IN WHICH CREATION OF THIS

WORK WAS COMPLETED

1996

This information must be given in all cases.

DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information ONLY if this work has been published. Month ► Jan. Day ► 23 Year ► 1996 (approx.)

U.S.A.

Nation

4

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼ Sun Microsystems, Inc.

 901 San Antonio Road
 Palo Alto, CA 94303
 MS PA 101-521

APPLICATION RECEIVED

JUN 23 1998

ONE DEPOSIT RECEIVED

JUN 23 1998

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

MORE ON BACK ►

 • Complete all applicable spaces (numbers 5-9) on the reverse side of this page.
 • See detailed instructions.

• Sign the form at line 8.

DO NOT WRITE HERE

Page 1 of _____ pages

EXAMINED BY ims

FORM TX

CHECKED BY

☐ CORRESPONDENCE
YesFOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box) ▼a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☒ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▼

Year of Registration ▼

TX4-576-685

1997

DERIVATIVE WORK OR COMPILATION

Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

a. JDK version 1.0 alpha 2 and other previous versions of the JDK, including third party computer programs incorporated therein.See instructions
before completing
this space.

b. Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

New and revised portions of computer program.

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼

Account Number ▼

a

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼

b

Timothy J. Crean/Sun Microsystems, Inc.901 San Antonio Road/MS CUP03-802Palo Alto, CA 94303

Area code and daytime telephone number ▶ (408) 863-3425

Fax number ▶ (408) 343-1757

Email ▶ tim.crean@eng.sun.com

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of Sun Microsystems, Inc.

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Timothy J. CreanDate ▶ June 22, 1998

Handwritten signature (X) ▼

X Timothy J. CreanThe filing fee of \$20.00 is effective through June 30, 1999. After that date, please write the Copyright Office, check the Copyright Office Website at <http://www.loc.gov/copyright>, or call (202) 707-3000 for the latest fee information.Mail
certificate
to:Certificate
will be
mailed in
window
envelope

Name ▼ Timothy J. Crean
Sun Microsystems, Inc.

Number/Street/Apt ▼ MS CUP03-802
901 San Antonio Road

City/State/ZIP ▼ Palo Alto, CA 94303

YOU MUST

- Complete all necessary spaces
- Sign your application in space 8

SEND ALL ELEMENTS
IN THE SAME PACKAGE

1. Application form
2. Nonrefundable filing fee in check or money order payable to Register of Copyrights
3. Deposit material

MAIL TO
Library of Congress
Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

September 1997—300,000

PRINTED ON RECYCLED PAPER

*U.S. COPYRIGHT OFFICE WWW: March 1998

CERTIFICATE OF REGISTRATION

UNITED STATES COPYRIGHT OFFICE



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

TX 4-686-209



(TX)	TXU	PA	PAU	VA	VAU	SR	SRU	RE
Effective Date of Supplementary Registration								
MAR			20			1998		
MONTH			DAY			YEAR		

Marybeth Peters

REGISTER OF COPYRIGHTS
United States of America

DO NOT WRITE ABOVE THIS LINE—FOR COPYRIGHT OFFICE USE

(A) Basic Instructions	TITLE OF WORK: The Java Application Programming Interface, Volume 1 *CORE PACKAGES	
	REGISTRATION NUMBER OF BASIC REGISTRATION: TX 4 326 014	YEAR OF BASIC REGISTRATION: 1996
	NAME(S) OF AUTHOR(S): James Gosling Frank Yellin The Java Team	NAME(S) OF COPYRIGHT CLAIMANT(S): Sun Microsystems Inc.,
(B) Correction	LOCATION AND NATURE OF INCORRECT INFORMATION IN BASIC REGISTRATION: Line Number 2 a & b Line Heading or Description name of author	
	INCORRECT INFORMATION AS IT APPEARS IN BASIC REGISTRATION: Frank Yellin-coauthor of entire work wfh = no James Gosling - coauthor of entire work wfh = no The Java Team - coauthor of entire work wfh = yes	
	CORRECTED INFORMATION: Sun Microsystems Inc., wfh = yes	
	EXPLANATION OF CORRECTION: (Optional)	
(C) Amplification	LOCATION AND NATURE OF INFORMATION IN BASIC REGISTRATION TO BE AMPLIFIED: Line Number Line Heading or Description	
	AMPLIFIED INFORMATION:	
EXPLANATION OF AMPLIFIED INFORMATION: (Optional)		

* Amended by C.O. per information on basic registration.

EXAMINED BY: *TAB*
CHECKED BY:

FORM RECEIVED:

MAR 25 1998

FOR
COPYRIGHT
OFFICE
USE
ONLY

CORRESPONDENCE:

☐ YES

REMITTANCE NUMBER AND DATE

REFERENCE TO THIS REGISTRATION
ADDED TO BASIC REGISTRATION:

☒ YES ☐ NO

DEPOSIT ACCOUNT FUNDS USED: ☐

DO NOT WRITE ABOVE THIS LINE: FOR COPYRIGHT OFFICE USE ONLY

CONTINUATION OF: (Check which) ☐ PART B OR ☐ PART C

D

Continuation

DEPOSIT ACCOUNT: If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account:

Addison Wesley Longman

DA 025585

Name: Account Number:

CORRESPONDENCE: Give name and address to which correspondence should be sent:

Timothy Nicholls, Addison Wesley Longman

Name: Apt. No.

One Jacob Way, Reading, MA 01867

Address: (Number and Street) (City) (State) (ZIP Code)

E

Deposit
Account and
Mailing
Instructions

CERTIFICATION * I, the undersigned, hereby certify that I am the: (Check one)

☐ author ☐ other copyright claimant ☐ owner of exclusive right(s) ☐ authorized agent of: (Name of author or other copyright claimant, or owner of exclusive right(s) of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.



Handwritten signature: (X) *Timothy Nicholls*

Typed or printed name: Timothy Nicholls

Date: 3/17/98

F

Certification
(Application
must be
signed)

* U.S. Copyright Office FALSE REPRESENTATION: Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by sections 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

Timothy Nicholls - Addison Wesley Longman

One Jacob Way

(Number, Street and Apartment Number)

Reading, MA 01867

(City) (State) (ZIP code)

MAIL
CERTIFICATE
TO

(Certificate will
be mailed in
window envelope)

G

Address for
Return of
Certificate

CERTIFICATE OF REGISTRATION



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

FORM CA

For Supplementary Registration
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 4-825-238



Marybeth Peters

EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

REGISTER OF COPYRIGHTS
United States of America

February 24 1999

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

Title of Work ▼

JAVA DEVELOPMENT KIT VERSION 1.0 alpha 2

Registration Number of the Basic Registration ▼

Tx4-576-685

Year of Basic Registration ▼

1997

Name(s) of Author(s) ▼

Sun Microsystems, Inc.

Name(s) of Copyright Claimant(s) ▼

Sun Microsystems, Inc.

Location and Nature of Incorrect Information in Basic Registration

Line Number 28

Line Heading or Description

Nature of Authorship

Incorrect Information as It Appears in Basic Registration

Entire Computer program

Corrected Information ▼

Entire new portions of computer program

Explanation of Correction ▼

To clarify the nature of authorship, since this is a derivative work

Location and Nature of Information in Basic Registration to be Amplified

Line Number

Line Heading or Description

Amplified Information and Explanation of Information

MORE ON BACK

• Complete all applicable spaces (D-G) on the reverse side of this page.
• See detailed instructions.
• Sign the form at Space F.

DO NOT WRITE HERE

Page 1 of 2 pages

FORM CA RECEIVED

FORM CA

MAR 02 1999

FUNDS RECEIVED DATE

February 24, 1999

EXAMINED BY

Jolt

CORRESPONDENCE ☒FOR
COPYRIGHT
OFFICE
USE
ONLY

REFERENCE TO THIS REGISTRATION ADDED TO

BASIC REGISTRATION

☒ YES☐ NO

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

Continuation of: ☒ Part B or ☐ Part C

Line Number: 6a Line Heading or Description: Preexisting Material

Incorrect Information as it appears in Basic Registration:

[line is blank]

Corrected Information:

JDK version 1.0 alpha (registered on TXu 835-277 on June 23, 1998) and third party computer programs incorporated therein

Explanation of Correction:

To state the preexisting material on which this derivative work is based.

Correspondence: Give name and address to which correspondence about this application should be sent.

Timothy J. Crean

Sun Microsystems, Inc./901 San Antonio Road, MS CUP03-802
Palo Alto, CA 94303

Phone (408) 863-3425

Fax ()

Email

Deposit Account: If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name

Account Number

Certification* I, the undersigned, hereby certify that I am the: (Check only one)

☐ author☐ owner of exclusive right(s)☐ other copyright claimant☒ duly authorized agent of

Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name ▼ Timothy J. Crean

Date ▼ 3/1/99

Handwritten signature (X) ▼

Timothy J. Crean

Certificate
will be
mailed in
window
envelope
to this
address:

Name ▼	Timothy J. Crean Sun Microsystems, Inc.
Number/Track/Art ▼	MS CUP03-802 901 San Antonio Road
City/State/Zip ▼	Palo Alto, CA 94303

YOU MUST
- Complete all necessary sections
- Sign your application in Space F

SEND ALL DOCUMENTS
IN THE SAME PACKAGE

1. Application form
2. Non-refundable filing fee in check or
money order payable to Registrar of
Copyrights

MAIL TO

Library of Congress
Copyright Office,
101 Independence Avenue, S.E.
Washington, D.C. 20540-4001

**Regis-
tration
filing
fee**

1999 For the latest fee
information, visit the
Copyright Office web
site at <http://www.loc.gov/copyright>,
or call (202) 707-3000.

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 408, or in any sworn statement filed in connection with the application, shall be fined not more than \$2,500.

December 1998-15.000 (2) PRINTED ON RECYCLED PAPER

U.S. GOVERNMENT PRINTING OFFICE: 1998-454-878/80,048

OAGOOGL0000079162



This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

FORM CA
For Supplementary Registration
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

TX 4-847-506



TX 0004847506

TX TXU PA PAU VA VAU SR SRU
EFFECTIVE DATE OF SUPPLEMENTARY REGISTRATION

March 24 1999
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

A

Title of Work ▼

JAVA DEVELOPMENT KIT VERSION 1.2 BETA 2

Registration Number of the Basic Registration ▼

TX4-616-088

Year of Basic Registration ▼

1998

Name(s) of Author(s) ▼

Sun Microsystems, Inc.

Name(s) of Copyright Claimant(s) ▼

Sun Microsystems, Inc.

B

Location and Nature of Incorrect Information in Basic Registration

Line Number 2a

Line Heading or Description

Nature of Authorship

Incorrect Information as It Appears in Basic Registration

Entire computer program

Corrected Information ▼

Entire new portions of computer program

Explanation of Correction ▼

To clarify the nature of authorship, since this is a derivative work

C

Location and Nature of Information in Basic Registration to be Amplified

Line Number Line Heading or Description

Amplified Information and Explanation of Information

MORE ON BACK

- Complete all applicable spaces (D-G) on the reverse side of this page.
- See detailed instructions.
- Sign the form at Space F.

DO NOT WRITE HERE

Page 1 of 2 pages

OAGOOGL0000126544

FORM CA RECEIVED

FORM CA

MAR 24 1999

FUNDS RECEIVED DATE

EXAMINED BY *M*CORRESPONDENCE ☐REFERENCE TO THIS REGISTRATION ADDED TO
BASIC REGISTRATION ☒ YES ☐ NOFOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

Continuation of: ☒ Part B or ☐ Part C

Line Number: 6a Line Heading or Description: Preexisting Material

Incorrect Information as it Appears in Basic Registration:

Java Development Kit Version 1.0 alpha 2; Java Development Kit Version 1.0.2;
Java Development Kit Version 1.1

D

Corrected Information:

Java Development Kit Version 1.0 alpha 2; Java Development Kit Version 1.0.2;
Java Development Kit Version 1.1; and other previous versions of the JDK,
including third party computer programs incorporated therein

Explanation of Correction:

To more precisely state the preexisting material on which this derivative work is based.

Correspondence: Give name and address to which correspondence about this application should be sent.

Timothy J. Crean

Sun Microsystems, Inc./901 San Antonio Road, MS CUP03-802
Palo Alto, CA 94303

Phone (408) 863-3425

Fax (408) 343-1757

Email

E

Deposit Account: If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name

Account Number

Certification* I, the undersigned, hereby certify that I am the: (Check only one)

☐ author☐ owner of exclusive right(s)☐ other copyright claimant☒ duly authorized agent of Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

Typed or printed name▼

Timothy J. Crean

Date▼ 3/23/99

Handwritten signature (X)▼

Timothy James Crean

F

Certificate
will be
mailed in
window
envelope
to this
address:

Name ▼	Timothy J. Crean Sun Microsystems, Inc.
Number/Street/Apt ▼	MS CUP03-802 901 San Antonio Road
City/State/ZIP ▼	Palo Alto, CA 94303

YOU MUST:
• Complete all necessary spaces
• Sign your application in Space FSEND ALL ELEMENTS
IN THE SAME PACKAGE1. Application form
2. Nonrefundable filing fee in check or
money order payable to Register of
CopyrightsMAIL TO
Library of Congress
Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000*Regis-
tration
filing
fees are
effec-
tive
through
June
30,
1999. For the latest fee
information, write the
Copyright Office, check
the Copyright Office
Website at <http://www.loc.gov/copyright>,
or call (202) 707-3000.

G

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.

December 1998—15,000 PRINTED ON RECYCLED PAPER

*U.S. GOVERNMENT PRINTING OFFICE: 1998-454-879/80,048

OAGOOGL0000126545

CERTIFICATE OF REGISTRATION

FORM TX

For a Nondramatic Literary Work
UNITED STATES COPYRIGHT OFFICE

OFFICIAL SEAL

This Certificate issued under the seal of the Copyright Office in accordance with title 17, United States Code, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Marybeth Peters
REGISTER OF COPYRIGHTS
United States of America

TX 5-271-787



EFFECTIVE DATE OF REGISTRATION

Aug 03 2000
Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS WORK ▼

Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)

PREVIOUS OR ALTERNATIVE TITLES ▼ J2SE Version 1.3

Java 2 Platform Standard Edition Version 1.3/Java 2 SDK, Standard Edition, Version 1.3

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼

Number ▼

Issue Date ▼

On Pages ▼

2 a NAME OF AUTHOR ▼

Sun Microsystems, Inc.

Was this contribution to the work a
"work made for hire"?
☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ▼
Domiciled in ▼ U.S.A.

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ NoPseudonymous? ☐ Yes ☒ No

If the answer to either
of these questions is
"Yes," see detailed
instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Revised and new text and compilation of computer program code and documentation

b NAME OF AUTHOR ▼

See attached continuation sheet containing list of independent contractors *

Was this contribution to the work a
"work made for hire"?
☐ Yes
☒ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ▼ see attached
Domiciled in ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☒ Yes ☐ NoPseudonymous? ☐ Yes ☒ No

If the answer to either
of these questions is
"Yes," see detailed
instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Revised and new text and compilation of computer program code

c NAME OF AUTHOR ▼

Was this contribution to the work a
"work made for hire"?
☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE

Name of Country

OR { Citizen of ▼
Domiciled in ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ NoPseudonymous? ☐ Yes ☐ No

If the answer to either
of these questions is
"Yes," see detailed
instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

3 a YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED

2000

This information
must be given
in all cases.

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK

Complete this information
ONLY if this work
has been published.

Month ▼ May Day ▼ 8 Year ▼ 2000
U.S.A.

Nation

COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303
M/S PAL 01-521

APPLICATION RECEIVED

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

The independent contractors identified on the continuation sheet have assigned their copyright rights to Sun Microsystems, Inc. by written agreement.

MORE ON BACK ►

• Complete all applicable spaces (numbers 5-9) on the reverse side of this page.
• See detailed instructions. • Sign the form at line 8.

DO NOT WRITE HERE

Page 1 of 4 pages

OAGOOGL0000079401

EXAMINED BY

FORM TX

CHECKED BY

*Amended by CO from phone call to Jeffrey Brill on 3/8/01.
 **Refers to Form TX/CIN.

☐ CORRESPONDENCE
 Yes

FOR
 COPYRIGHT
 OFFICE
 USE
 ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box.) ▼

a. ☐ This is the first published edition of a work previously registered in unpublished form.

b. ☐ This is the first application submitted by this author as copyright claimant.

c. ☒ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ▶ TX-4-847-506

Year of Registration ▶ 1999

5

DERIVATIVE WORK OR COMPILATION

Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

Prior versions of Java 2 Standard Edition and Java Development Kit

a

6

See instructions
 before completing
 this space.

Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Revised and new text~~and compilation~~ of computer program code~~and documentation~~

b

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.
 Name ▼ Account Number ▼

a

7

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼

Jeffrey Brill, Esq.
 Fenwick & West LLP
 Two Palo Alto Square
 Palo Alto, CA 94306

b

Area code and daytime telephone number ▶ (650) 858-7291
 Email ▶ jbrill@fenwick.com

Fax number ▶ (650) 494-1417

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ▶

☐ author

☐ other copyright claimant

☐ owner of exclusive right(s)

☒ authorized agent of Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

8

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Jeffrey Brill, Esq.

Date ▶ 7/31/00

Handwritten signature (X) ▼

X Jeffrey Brill

Certificate
 will be
 mailed in
 window
 envelope
 to this
 address:

Name ▼ Jeffrey Brill, Esq.
 Fenwick & West LLP
 Number/Street/Apt ▼ Two Palo Alto Square
 City/State/ZIP ▼ Palo Alto, CA 94306

• Complete all necessary spaces
 • Sign your application in space 8

1. Application form
 2. Nonrefundable filing fee in check or money order payable to Register of Copyrights
 3. Deposit material

Library of Congress
 Copyright Office
 101 Independence Avenue, S.E.
 Washington, D.C. 20559-6000

As of
 July 1,
 1999,
 the
 filing
 fee for
 Form TX
 is \$30.

9

*17 U.S.C. § 506(e): Any person who knowingly makes a false representation of a material fact in the application for copyright registration provided for by section 409, or in any written statement filed in connection with the application, shall be fined not more than \$2,500.
 June 1999—200,000
 WEB REV: June 1999

PRINTED ON RECYCLED PAPER

U.S. GOVERNMENT PRINTING OFFICE: 1999-454-879/49

OAGOOGL0000079402

CONTINUATION SHEET FOR APPLICATION FORMS

FORM TX / CON
UNITED STATES COPYRIGHT OFFICE

TX 5-271-787



PA PAU SE SEG SEU SR SRU TX TXU VA VAU

EFFECTIVE DATE OF REGISTRATION

Aug 03 2000
(Month) (Day) (Year)

CONTINUATION SHEET RECEIVED

Page 3 of 4 pages

- This Continuation Sheet is used in conjunction with Forms CA, PA, SE, SR, TX, and VA, only. Indicate which basic form you are continuing in the space in the upper right-hand corner.
- If at all possible, try to fit the information called for into the spaces provided on the basic form.
- If you do not have enough space for all the information you need to give on the basic form, use this Continuation Sheet and submit it with the basic form.
- If you submit this Continuation Sheet, clip (do not tape or staple) it to the basic form and fold the two together before submitting them.
- Space A of this sheet is intended to identify the basic application.
Space B is a continuation of Space 2 on the basic application. Space B is not applicable to Short forms.
Space C (on the reverse side of this sheet) is for the continuation of Spaces 1, 4, or 6 on the basic application or for the continuation of Space 1 on any of the three Short Forms PA, TX, or VA.

DO NOT WRITE ABOVE THIS LINE. FOR COPYRIGHT OFFICE USE ONLY

IDENTIFICATION OF CONTINUATION SHEET: This sheet is a continuation of the application for copyright registration on the basic form submitted for the following work:

- **TITLE:** (Give the title as given under the heading "Title of this Work" in Space 1 of the basic form.)

Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)

- **NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S):** (Give the name and address of at least one copyright claimant as given in Space 4 of the basic form or Space 2 of any of the Short Forms PA, TX, or VA.)

Sun Microsystems, Inc.
901 San Antonio Road, Palo Alto, CA 94303, M/S PAL 01-521

A
Identification
of
Application

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

d see list on reverse side

B
Continuation
of Space 2

Was this contribution to the work a "work made for hire"? **AUTHOR'S NATIONALITY OR DOMICILE**
Name of Country

☐ Yes
☐ No

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

e

Was this contribution to the work a "work made for hire"? **AUTHOR'S NATIONALITY OR DOMICILE**
Name of Country

☐ Yes
☐ No

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

f

Was this contribution to the work a "work made for hire"? **AUTHOR'S NATIONALITY OR DOMICILE**
Name of Country

☐ Yes
☐ No

OR { Citizen of ►
Domiciled in ►

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK
Anonymous? ☐ Yes ☐ No

Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

Use the reverse side of this sheet if you need more space for continuation of Spaces 1, 4, or 6 of the basic form or for the continuation of Space 1 on any of the Short Forms PA, TX, or VA.

CONTINUATION OF (Check which): ☐ Space 1 ☐ Space 4 ☐ Space 6**C**Continuation
of other
Spaces

Independent Contractors Who Contributed to Java 2 Standard Edition Version 1.3 (Windows Edition)

CONTRACTOR	Country of Citizenship or Domicile
Denise McDonald	Ireland
Manpreet Singh	India
Evgeni Ilyin	USA
Kevin Halle	USA
Mike Bronson	USA
Roman Poborchy	Russia
Dmitri Trembovetski	Russia
Xianfa Deng	USA
IBM	USA
Tom Santos	USA
Moscow Center for Sparc Technology (MCST)	Russia
Siptech	India
Alan Liu	USA
Doug Lea	USA
Martin Odersky	Germany
Michael Everest	USA
Richard Blanchard	USA
Kodak	USA
Dmitry Feld	USA
www.beatnik.com	USA
Urs Hoelzle	USA
Gary Oblock	USA
Raj Prakash	USA
Christopher Cole	USA
Samad Ahmed	USA
Andrew Trick	USA
Robert Henry Yang	USA
Venkateswara Reddy Maddileti	USA
Petr Zhelezniakov	Russia

Certificate
will be
mailed in
window
envelope
to this
address:

Name ▼	Jeffrey Brill, Esq. Fenwick & West LLP
Number/Street/Apt ▼	Two Palo Alto Square
City/State/ZIP ▼	Palo Alto, CA 94306

- Complete all necessary spaces
- Sign your application

D

1. Application form
2. Nonrefundable fee in check or money order payable to *Register of Copyrights*
3. Deposit Material

Library of Congress, Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000

Fees are effective through June 30, 2002. After that date, check the Copyright office Website at www.loc.gov/copyright or call (202) 707-3000 for current fee information.



FENWICK & WEST LLP

A LIMITED LIABILITY PARTNERSHIP

TWO PALO ALTO SQUARE | PALO ALTO, CA 94306

TEL 650.494.0600 | FAX 650.494.1417 | www.fenwick.com

May 14, 2001

TU PHAN

EMAIL TPHAN@FENWICK.COM
DIRECT DIAL 650.858.7696

Marilyn Glaubenslee, Esq.
Assistant General Counsel, IP Law Group
Sun Microsystems, Inc., M/S CUP 03-802
901 San Antonio Road
Palo Alto, CA 94303

**Re: *Java 2 Standard Edition Version 1.3 (MS Windows Edition)*
Copyright Registration Certificate No. TX 5-271-787**

Dear Marilyn:

I am pleased to enclose a copy of the recently issued certificate of copyright registration for the following:

Java 2 Standard Edition Version 1.3 (MS Windows Edition)

Registration is effective from the date shown on the upper, right-hand corner of the certificate. The copyright will expire 95 years from the date of first publication or 120 years from the year of its creation, whichever comes first. The year of creation and/or date of first publication are shown in Space 3 of the certificate.

In accordance with our usual policy, we are retaining the original of this issued certificate in our firm's fireproof safe.

Please feel free to contract me directly at (650) 858-7291 with any questions.

Very truly yours,

FENWICK & WEST LLP

Tu Phan

TB:sm

Enclosure

21515/00089/LIT/1091912.1

FORM TXFor a Nondramatic Literary Work
UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

**FEE CHANGES**

Fees are effective through June 30, 2002. After that date, check the Copyright Office Website at www.loc.gov/copyright or call (202) 707-3000 for current fee information.

TX TXU
EFFECTIVE DATE OF REGISTRATION

Month Day Year

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

1 TITLE OF THIS WORK ▼

Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)

PREVIOUS OR ALTERNATIVE TITLES ▼ J2SE Version 1.3

Java 2 Platform Standard Edition Version 1.3/Java 2 SDK, Standard Edition, Version 1.3

PUBLICATION AS A CONTRIBUTION If this work was published as a contribution to a periodical, serial, or collection, give information about the collective work in which the contribution appeared. Title of Collective Work ▼

If published in a periodical or serial give: Volume ▼ Number ▼ Issue Date ▼ On Pages ▼

2 a NAME OF AUTHOR ▼

Sun Microsystems, Inc.

Was this contribution to the work a "work made for hire"?
☒ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of _____
Domiciled in U.S.A.

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☒ No
Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Revised and new text and compilation of computer program code and documentation

NAME OF AUTHOR ▼

See attached continuation sheet containing list of independent contractors

Was this contribution to the work a "work made for hire"?
☐ Yes
☒ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of see attached
Domiciled in

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☒ Yes ☐ No
Pseudonymous? ☐ Yes ☒ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

Revised and new text and compilation of computer program code

NAME OF AUTHOR ▼

Was this contribution to the work a "work made for hire"?
☐ Yes
☐ No

AUTHOR'S NATIONALITY OR DOMICILE
Name of Country

OR { Citizen of _____
Domiciled in _____

DATES OF BIRTH AND DEATH
Year Born ▼ Year Died ▼

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORK

Anonymous? ☐ Yes ☐ No
Pseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of material created by this author in which copyright is claimed. ▼

3 a YEAR IN WHICH CREATION OF THIS WORK WAS COMPLETED
2000

This information must be given in all cases.

b DATE AND NATION OF FIRST PUBLICATION OF THIS PARTICULAR WORK
Complete this information ONLY if this work has been published.
Month May Day 8 Year 2000
U.S.A.

Nation

4 COPYRIGHT CLAIMANT(S) Name and address must be given even if the claimant is the same as the author given in space 2. ▼

Sun Microsystems, Inc.
901 San Antonio Road
Palo Alto, CA 94303
M/S PAL 01-521

APPLICATION RECEIVED

ONE DEPOSIT RECEIVED

TWO DEPOSITS RECEIVED

FUNDS RECEIVED

DO NOT WRITE HERE OFFICE USE ONLY

TRANSFER If the claimant(s) named here in space 4 is (are) different from the author(s) named in space 2, give a brief statement of how the claimant(s) obtained ownership of the copyright. ▼

The independent contractors identified on the continuation sheet have assigned their copyright rights to Sun Microsystems, Inc. by written agreement.

MORE ON BACK ▶ • Complete all applicable spaces (numbers 5-9) on the reverse side of this page.
• See detailed instructions. • Sign the form at line 8.

DO NOT WRITE HERE
Page 1 of _____ pages

OAGOOGL0000079406

EXAMINED BY _____

FORM TX

CHECKED BY _____

☐ CORRESPONDENCE

Yes

FOR
COPYRIGHT
OFFICE
USE
ONLY

DO NOT WRITE ABOVE THIS LINE. IF YOU NEED MORE SPACE, USE A SEPARATE CONTINUATION SHEET.

PREVIOUS REGISTRATION Has registration for this work, or for an earlier version of this work, already been made in the Copyright Office?

☒ Yes ☐ No If your answer is "Yes," why is another registration being sought? (Check appropriate box.) ▼a. ☐ This is the first published edition of a work previously registered in unpublished form.b. ☐ This is the first application submitted by this author as copyright claimant.c. ☒ This is a changed version of the work, as shown by space 6 on this application.

If your answer is "Yes," give: Previous Registration Number ► TX-4-847-506

Year of Registration ► 1999

5

DERIVATIVE WORK OR COMPILATION

Preexisting Material Identify any preexisting work or works that this work is based on or incorporates. ▼

Prior versions of Java 2 Standard Edition and Java Development Kit

a

6

See instructions
before completing
this space.

Material Added to This Work Give a brief, general statement of the material that has been added to this work and in which copyright is claimed. ▼

Revised and new text and compilation of computer program code and documentation

b

DEPOSIT ACCOUNT If the registration fee is to be charged to a Deposit Account established in the Copyright Office, give name and number of Account.

Name ▼ Account Number ▼

a

7

CORRESPONDENCE Give name and address to which correspondence about this application should be sent. Name/Address/Apt/City/State/ZIP ▼

Jeffrey Brill, Esq.
Fenwick & West LLP
Two Palo Alto Square
Palo Alto, CA 94306

b

Area code and daytime telephone number ► (650) 858-7291

Fax number ► (650) 494-1417

Email ► jbrill@fenwick.com

CERTIFICATION* I, the undersigned, hereby certify that I am the

Check only one ►

☐ author☐ other copyright claimant☐ owner of exclusive right(s)☒ authorized agent of Sun Microsystems, Inc.

Name of author or other copyright claimant, or owner of exclusive right(s) ▲

of the work identified in this application and that the statements made by me in this application are correct to the best of my knowledge.

8

Typed or printed name and date ▼ If this application gives a date of publication in space 3, do not sign and submit it before that date.

Jeffrey Brill, Esq.

Date ► 7/31/00

Handwritten signature (X) ▼

X Jeffrey BrillCertificate
will be
mailed in
window
envelope
to this
address:Name ▼ Jeffrey Brill, Esq.
Fenwick & West LLP
Number/Street/Apt ▼ Two Palo Alto Square
City/State/ZIP ▼ Palo Alto, CA 94306• Complete all necessary spaces
• Sign your application in space 81. Application form
2. Nonrefundable filing fee in check or money order payable to *Register of Copyrights*
3. Deposit materialLibrary of Congress
Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000As of
July 1,
1999,
the
filing
fee for
Form TX
is \$30.

9

CONTINUATION SHEET FOR APPLICATION FORMS

FORM _____ **/CON**

UNITED STATES COPYRIGHT OFFICE

REGISTRATION NUMBER

- This Continuation Sheet is used in conjunction with Forms CA, PA, SE, SR, TX, and VA, only. Indicate which basic form you are continuing in the space in the upper right-hand corner.
- If at all possible, try to fit the information called for into the spaces provided on the basic form.
- If you do not have enough space for all the information you need to give on the basic form, use this Continuation Sheet and submit it with the basic form.
- If you submit this Continuation Sheet, clip (do not tape or staple) it to the basic form and fold the two together before submitting them.
- Space A of this sheet is intended to identify the basic application. Space B is a continuation of Space 2 on the basic application. Space B is not applicable to Short forms. Space C (on the reverse side of this sheet) is for the continuation of Spaces 1, 4, or 6 on the basic application or for the continuation of Space 1 on any of the three Short Forms PA, TX, or VA.

PA	PAU	SE	SEG	SEU	SR	SRU	TX	TXU	VA	VAU
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EFFECTIVE DATE OF REGISTRATION

(Month) (Day) (Year)

CONTINUATION SHEET RECEIVED

Page _____ of _____ pages

DO NOT WRITE ABOVE THIS LINE. FOR COPYRIGHT OFFICE USE ONLY

IDENTIFICATION OF CONTINUATION SHEET: This sheet is a continuation of the application for copyright registration on the basic form submitted for the following work:

- TITLE: (Give the title as given under the heading "Title of this Work" in Space 1 of the basic form.)

Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)

A
Identification
of
Application

- NAME(S) AND ADDRESS(ES) OF COPYRIGHT CLAIMANT(S): (Give the name and address of at least one copyright claimant as given in Space 4 of the basic form or Space 2 of any of the Short Forms PA, TX, or VA.)

Sun Microsystems, Inc.
901 San Antonio Road, Palo Alto, CA 94303, M/S PAL 01-521

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

d see list on reverse side

B
Continuation
of Space 2
Was this contribution to the work a "work made for hire"? **AUTHOR'S NATIONALITY OR DOMICILE**

Name of Country

☐ Yes
☐ No

OR

Citizen of ► _____

Domiciled in ► _____

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORKAnonymous? ☐ Yes ☐ NoPseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

e

Was this contribution to the work a "work made for hire"? **AUTHOR'S NATIONALITY OR DOMICILE**

Name of Country

☐ Yes
☐ No

OR

Citizen of ► _____

Domiciled in ► _____

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORKAnonymous? ☐ Yes ☐ NoPseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

NAME OF AUTHOR ▼

DATES OF BIRTH AND DEATH

Year Born ▼

Year Died ▼

f

Was this contribution to the work a "work made for hire"? **AUTHOR'S NATIONALITY OR DOMICILE**

Name of Country

☐ Yes
☐ No

OR

Citizen of ► _____

Domiciled in ► _____

WAS THIS AUTHOR'S CONTRIBUTION TO THE WORKAnonymous? ☐ Yes ☐ NoPseudonymous? ☐ Yes ☐ No

If the answer to either of these questions is "Yes," see detailed instructions.

NATURE OF AUTHORSHIP Briefly describe nature of the material created by the author in which copyright is claimed. ▼

Use the reverse side of this sheet if you need more space for continuation of Spaces 1, 4, or 6 of the basic form or for the continuation of Space 1 on any of the Short Forms PA, TX, or VA.

OAGOOGL0000079408

CONTINUATION OF (Check which): ☐ Space 1 ☐ Space 4 ☐ Space 6**C**Continuation
of other
Spaces

Independent Contractors Who Contributed to Java 2 Standard Edition Version 1.3 (Windows Edition)

CONTRACTOR	Country of Citizenship or Domicile
Denise McDonald	Ireland
Manpreet Singh	India
Evgeni Ilyin	USA
Kevin Halle	USA
Mike Bronson	USA
Roman Poborchy	Russia
Dmitri Trembovetski	Russia
Xianfa Deng	USA
IBM	USA
Tom Santos	USA
Moscow Center for Sparc Technology (MCST)	Russia
Siptech	India
Alan Liu	USA
Doug Lea	USA
Martin Odersky	Germany
Michael Everest	USA
Richard Blanchard	USA
Kodak	USA
Dmitry Feld	USA
www.beatnik.com	USA
Urs Hoelzle	USA
Gary Oblock	USA
Raj Prakash	USA
Christopher Cole	USA
Samad Ahmed	USA
Andrew Trick	USA
Robert Henry Yang	USA
Venkateswara Reddy Maddileti	USA
Petr Zhelezniakov	Russia

Certificate
will be
mailed in
window
envelope
to this
address:

Name ▼	Jeffrey Brill, Esq. Fenwick & West LLP
Number/Street/Apt ▼	Two Palo Alto Square
City/State/ZIP ▼	Palo Alto, CA 94306

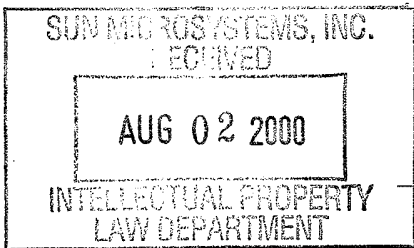
• Complete all necessary spaces
• Sign your application

D

1. Application form
2. Nonrefundable fee in check or money order payable to *Register of Copyrights*
3. Deposit Material

Library of Congress, Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000

Fees are effective through June 30, 2002. After that date, check the Copyright office Website at www.loc.gov/copyright or call (202) 707-3000 for current fee information.



FENWICK & WEST LLP
A LIMITED LIABILITY PARTNERSHIP

TWO PALO ALTO SQUARE | PALO ALTO, CA 94306
TEL 650.494.0600 | FAX 650.494.1417 | www.fenwick.com

August 1, 2000

JEFF BRILL

EMAIL JBRILL@FENWICK.COM
DIRECT DIAL 650.858.7291

Alex Silverman
Sun Microsystems, Inc.
901 San Antonio Road
M/S PAL01-521
Palo Alto, CA 94303

C0487

Re: Java 2 Standard Edition Version 1.3 Copyright Registration

Dear Alex:

Enclosed for your records is a copy of the application for copyright registration that was filed with the Copyright Office on July 31, 2000, for the following title:

Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)

Please feel free to contact me directly at (650) 858-7291 with any questions or comments.

Very truly yours,
FENWICK & WEST LLP

A handwritten signature in black ink, appearing to read "Jeff Brill".

Jeff Brill

JB/cck
Enclosure

21515/00080/DOCS/1075610.1



FENWICK & WEST LLP

A LIMITED LIABILITY PARTNERSHIP

TWO PALO ALTO SQUARE | PALO ALTO, CA 94306
TEL 650.494.0600 | FAX 650.494.1417 | www.fenwick.com

July 31, 2000

JEFFREY BRILL

EMAIL JBRILL@FENWICK.COM
DIRECT DIAL 650.858.7291

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Library of Congress
Copyright Office
101 Independence Avenue, S.E.
Washington, D.C. 20559-6000

Re: Request for Registration of Copyright in Computer Program Entitled
"Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)"

Dear Register:

Enclosed is an application for copyright registration of a software product entitled "Java 2 Standard Edition Version 1.3 (Microsoft Windows Edition)." This work is distributed via the Internet. The work is available for download at <http://java.sun.com/j2se/1.3/>. Enclosed is a source code deposit. The computer program is a derivative work. Accordingly, pursuant to the Copyright Office regulations, we are submitting as identifying source code material at least fifty (50) pages of the source code containing new and revised material.

Enclosed is a check in the amount of \$30.00 to cover the registration fee. If you have any questions, please contact me directly at (650) 858-7291.

Very truly yours,
FENWICK & WEST LLP

Jeffrey Brill

Enclosures:

Form TX
source code deposit
\$30.00 check

21515/00080/DOCS/1075529.1

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

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2. ☐ Restricted Delivery

Consult postmaster for fee.

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Library of Congress
Copyright Office
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Washington, D.C. 20559-6000

4a. Article Number

Z 701 860 773

4b. Service Type

- | | |
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| <input type="checkbox"/> Express Mail | <input type="checkbox"/> Insured |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD |

7. Date of Delivery

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

8. Addressee's Address (Only if requested and fee is paid)

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PS Form 3811, December 1994

102595-98-B-0229

Domestic Return Receipt

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No Insurance Coverage Provided
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101 Independence Ave., S.E.	
P.O., State and ZIP Code Washington, D.C. 20559-6000	
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Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
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Postmark or Date	

PS Form 3800, March 1993

Fold at line over top of envelope to the right of the return address

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TO EXPOSE ADHESIVE REMOVE LINER		REINIT ENAMORER ENISESHAY :

- Jeff Brill
Fenwick & West LLP
Two Palo Alto Square
Palo Alto, CA 94306
21515-00080
Sun Microsystems, Inc.
Java 2 Standard Edition 1.3

STICK POSTAGE STAMPS TO ARTICLE TO COVER FIRST CLASS POSTAGE,
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2. If you do not want this receipt postmarked, stick the gummed stub to the right of the return address of the article, date, detach and retain the receipt, and mail the article.
3. If you want a return receipt, write the certified mail number and your name and address on a return receipt card, Form 3811, and attach it to the front of the article by means of the gummed ends if space permits. Otherwise, affix to back of article. Endorse front of article **RETURN RECEIPT REQUESTED** adjacent to the number.
4. If you want delivery restricted to the addressee, or to an authorized agent of the addressee, endorse **RESTRICTED DELIVERY** on the front of the article.
5. Enter fees for the services requested in the appropriate spaces on the front of this receipt. If return receipt is requested, check the applicable blocks in item 1 of Form 3811.
6. Save this receipt and present it if you make inquiry.

102595-93-Z-0478

6. Save this receipt and present it if you make inquiry.

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CHECK NO. 2070226
 CHECK DATE: 07-18-00

INVOICE NO.	INVOICE DATE	DESCRIPTION	ACCOUNT NO.	FILE NO.	AMOUNT
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<i>Patricia Kenyon</i>					

TOTAL AMOUNT 30.00

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